

FIG. 1

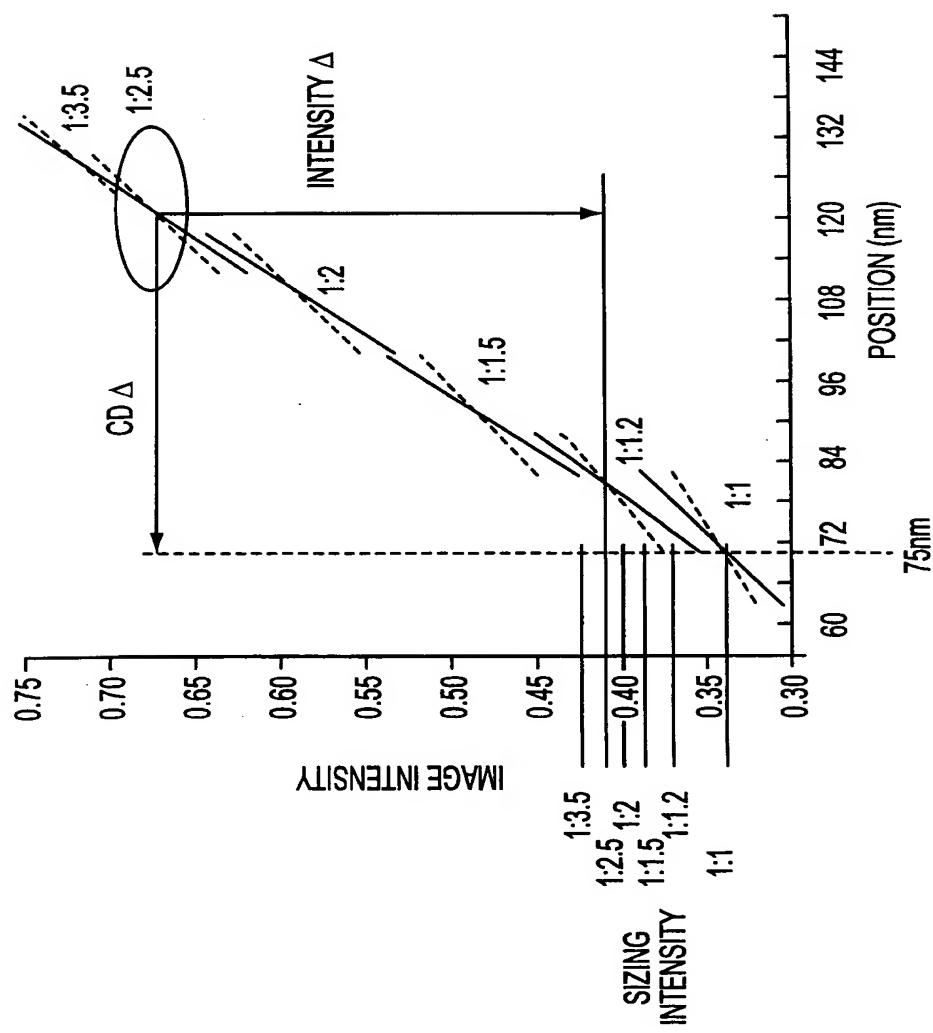


FIG. 2

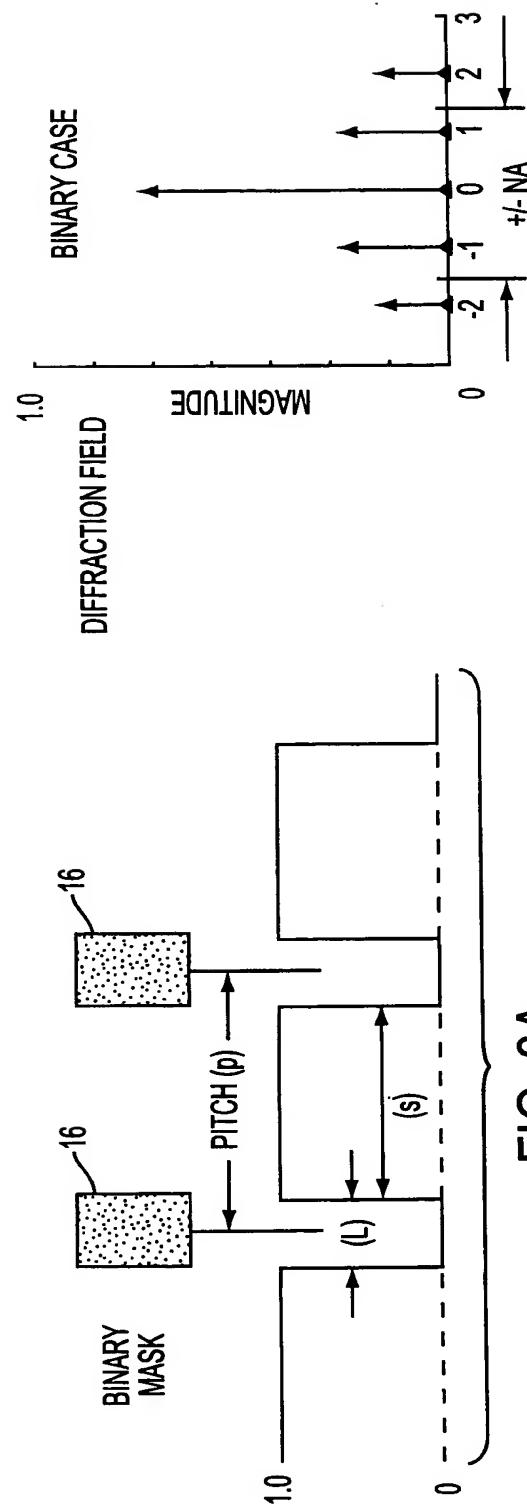
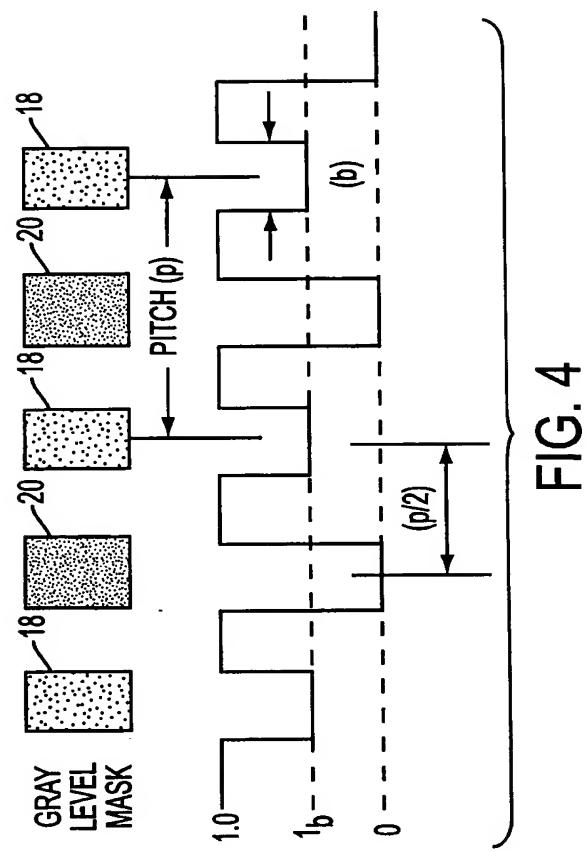


FIG. 3A

FIG. 3B



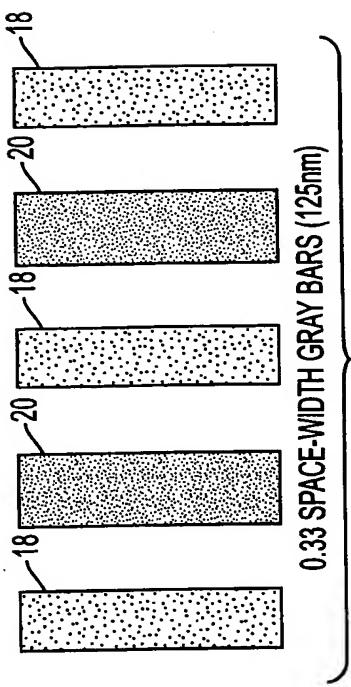


FIG. 5A

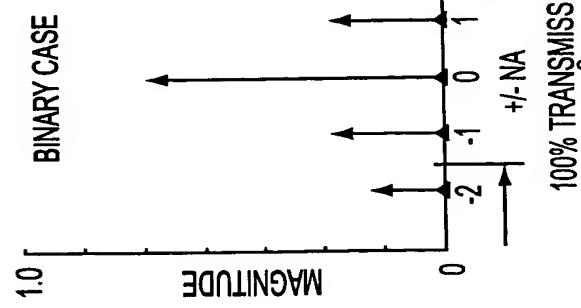


FIG. 5B

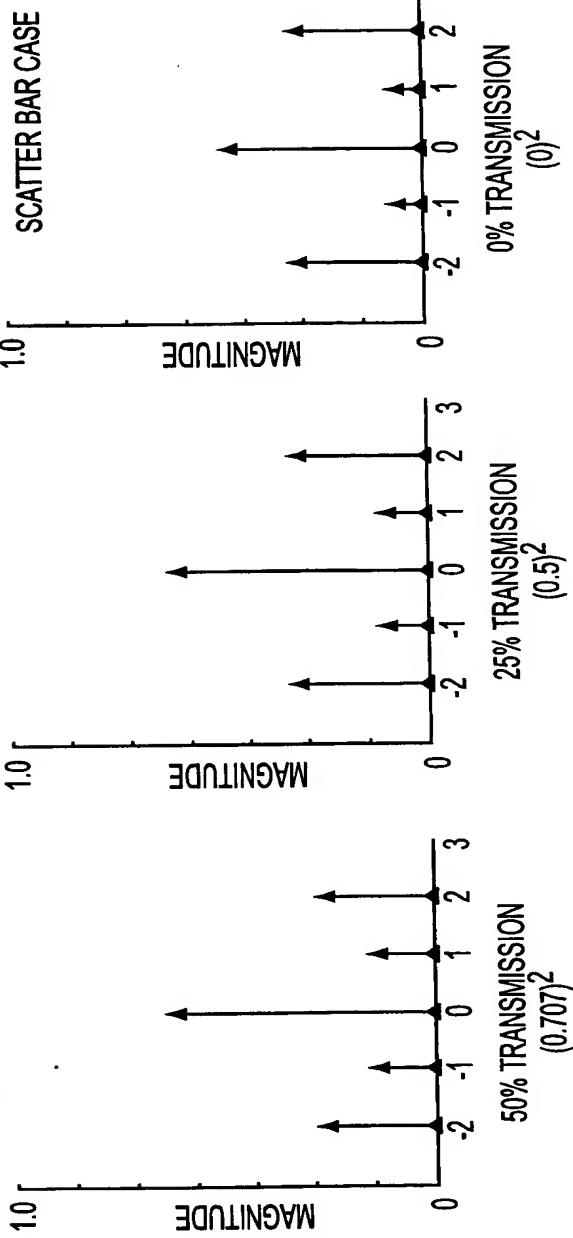


FIG. 5C

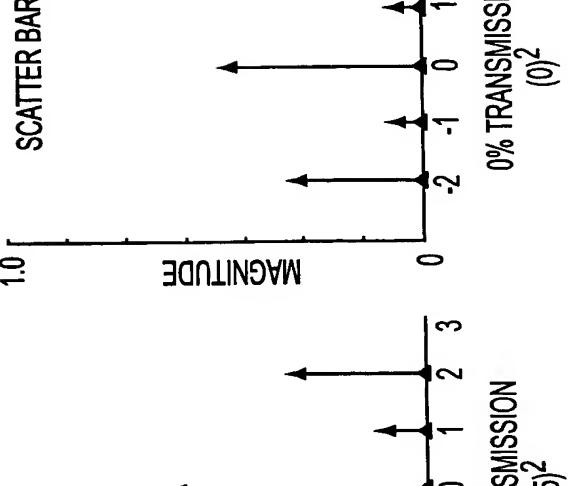


FIG. 5D

FIG. 5E

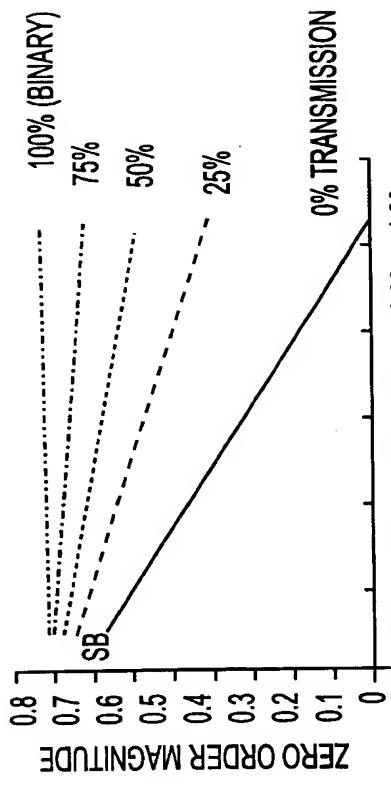


FIG. 6A

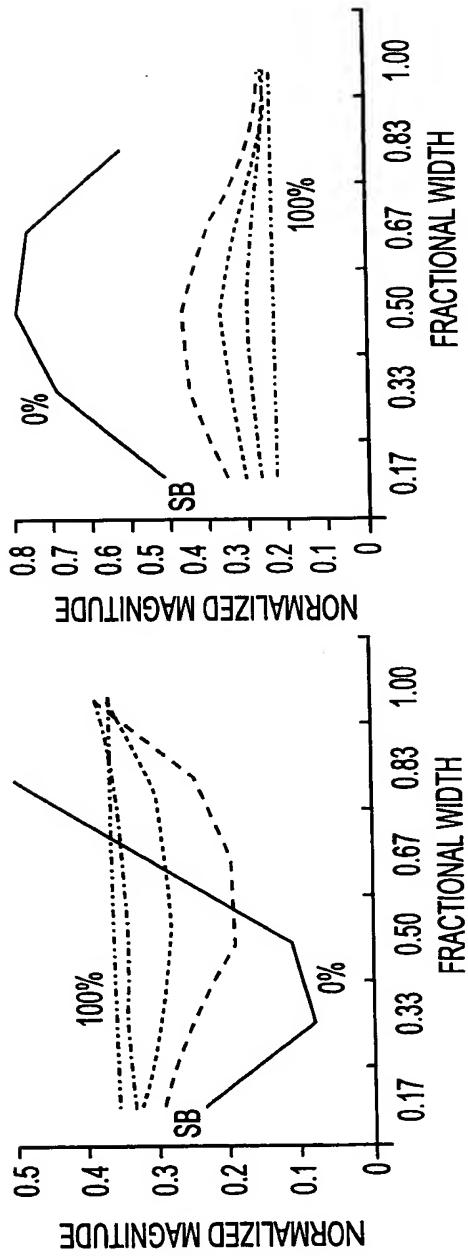


FIG. 6B

FIG. 6C

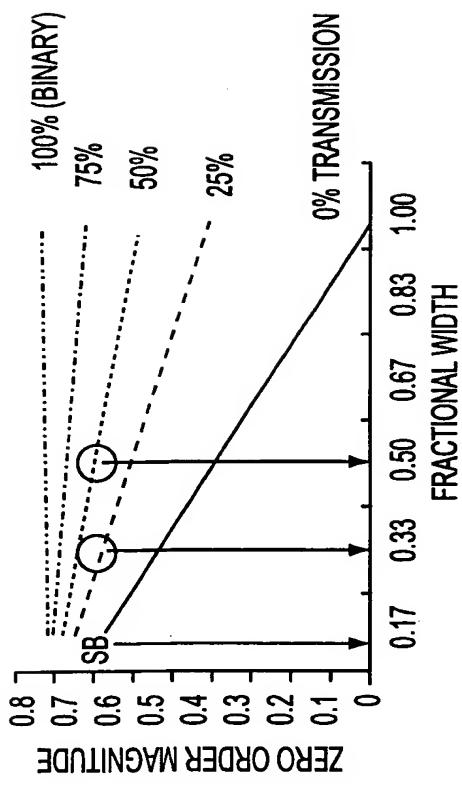


FIG. 7A

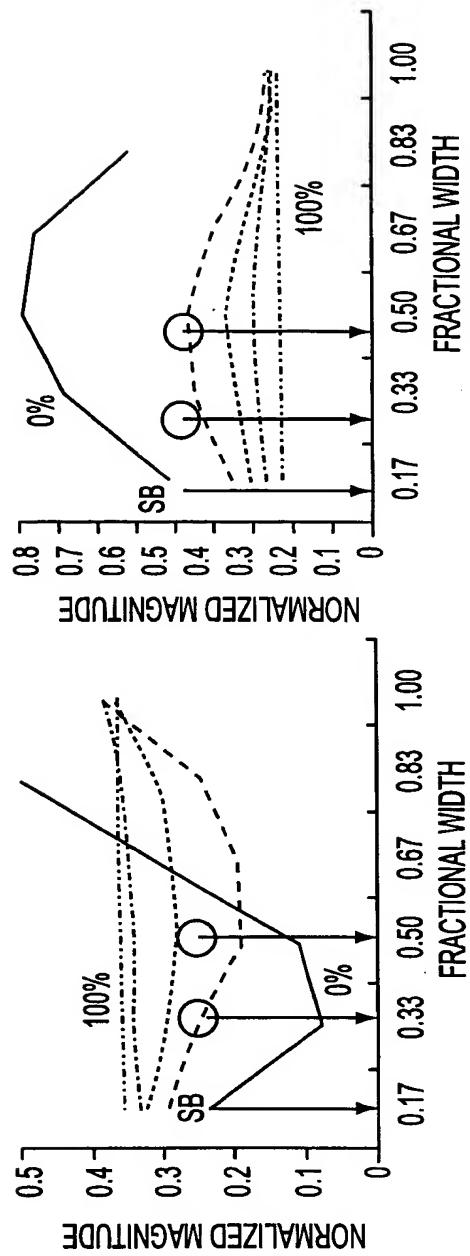
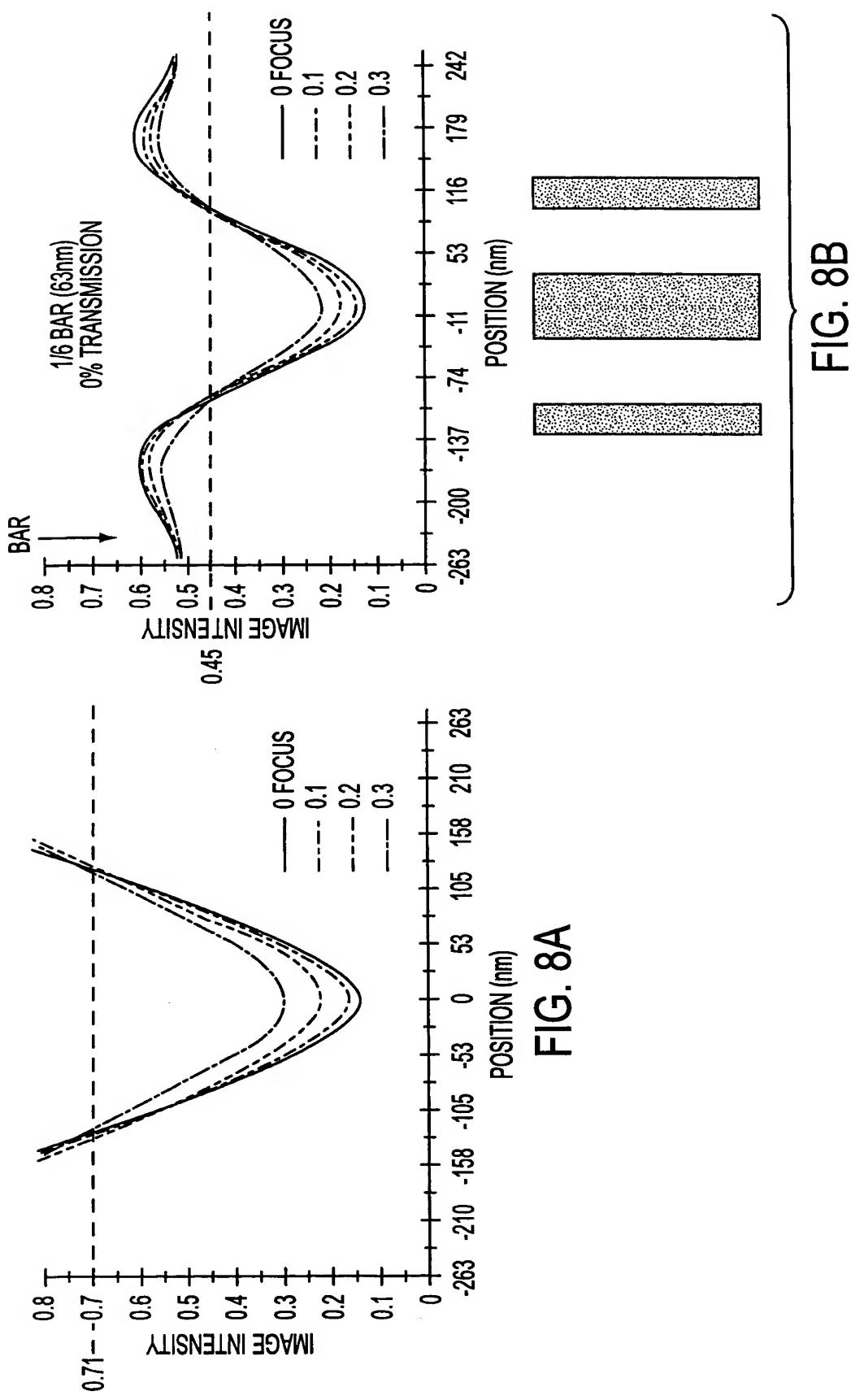
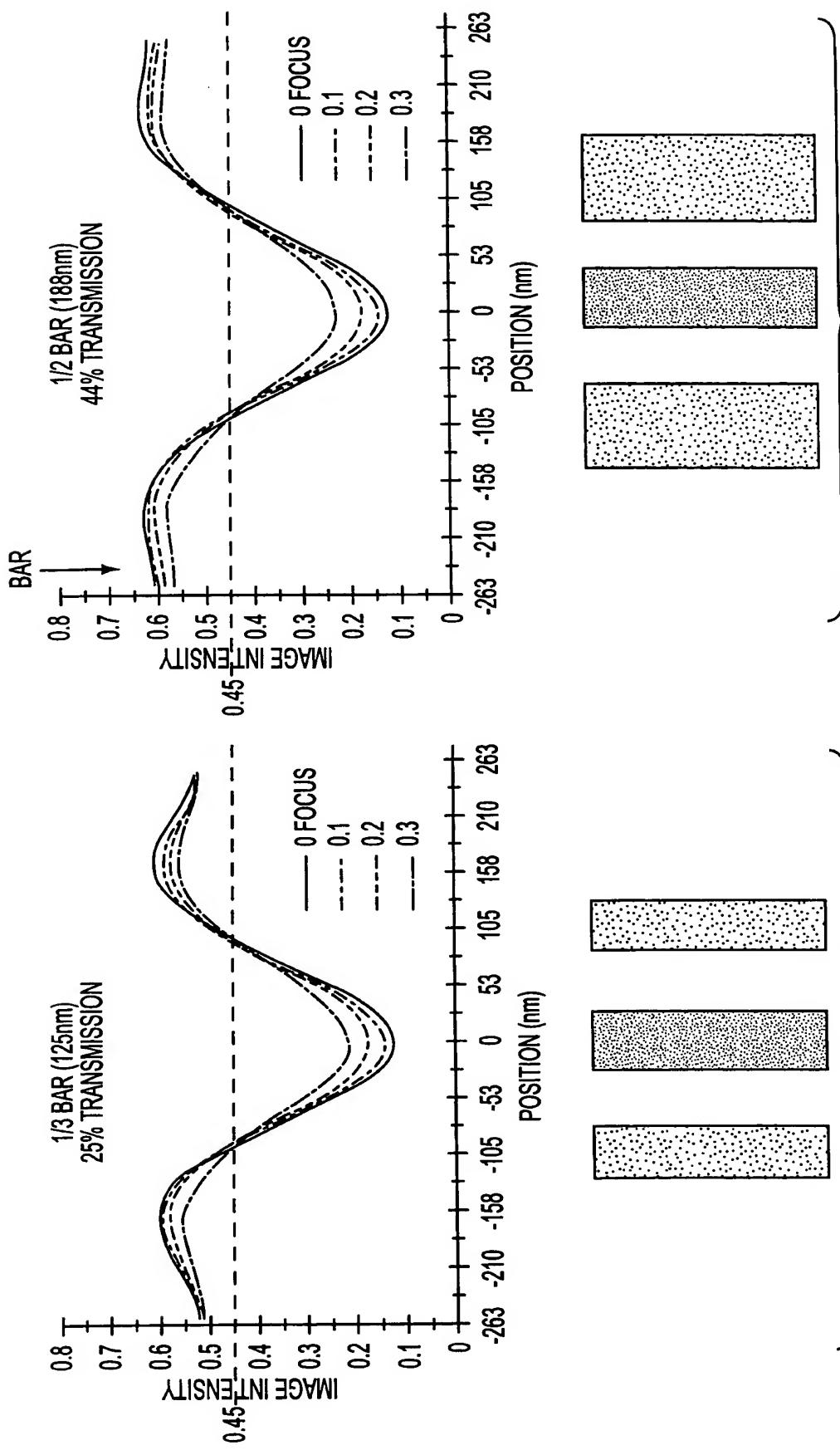


FIG. 7B

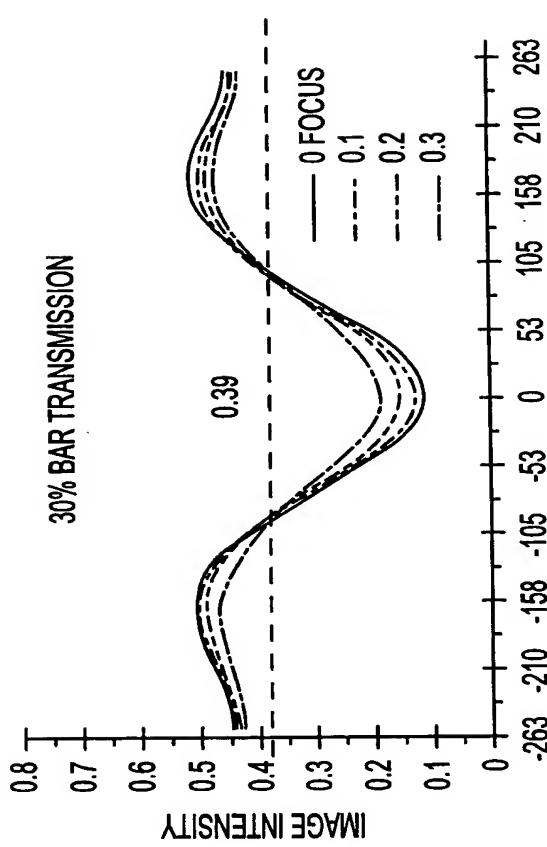
FIG. 7C





0.8  
0.7  
0.6  
0.5  
0.4  
0.3  
0.2  
0.1  
0.0

30% BAR TRANSMISSION



POSITION (nm)

FIG. 9

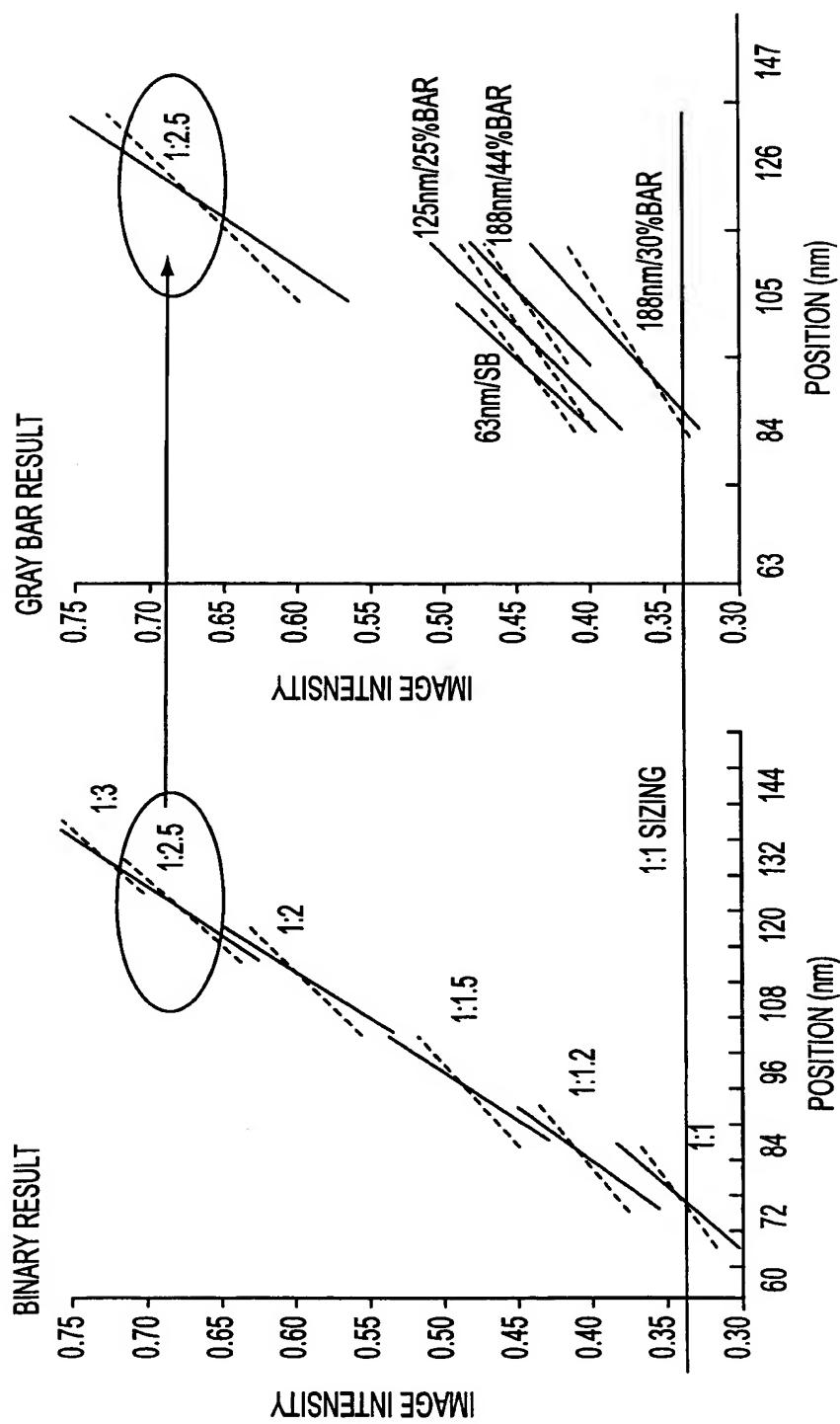


FIG. 10

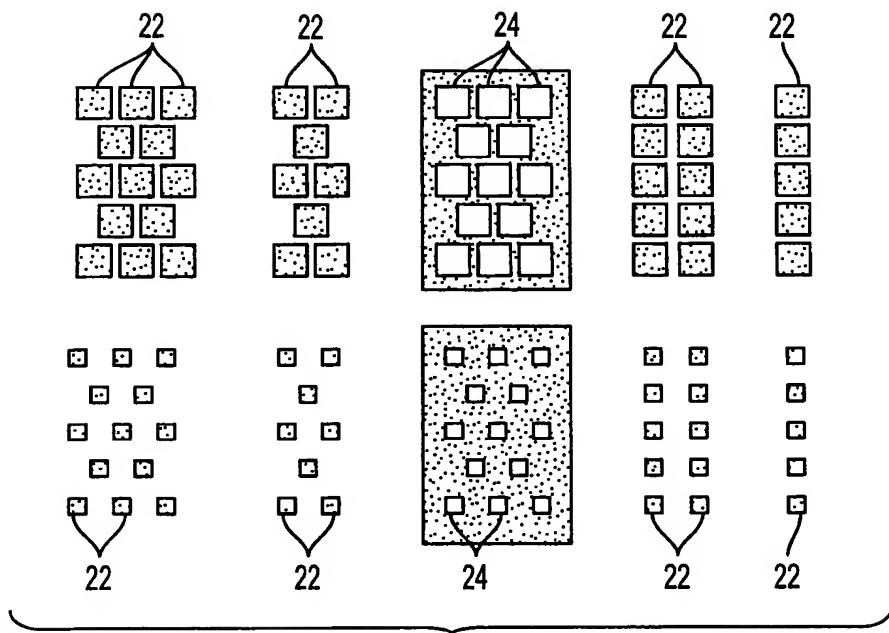


FIG. 11

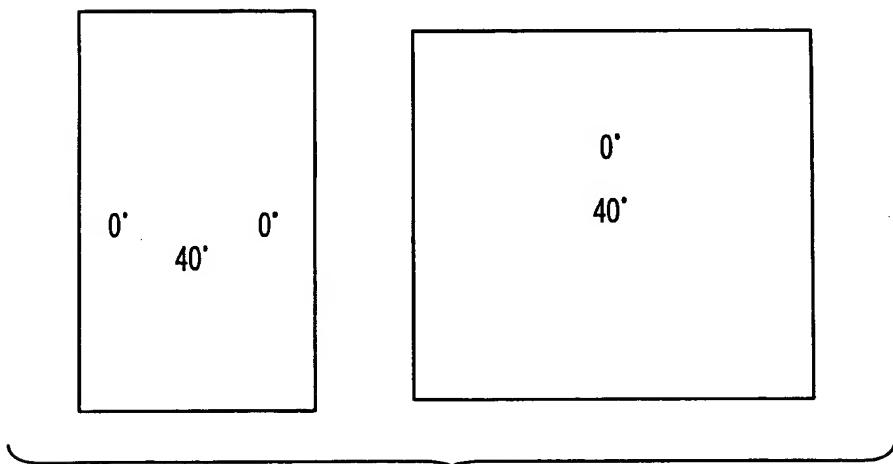


FIG. 12

30 32 34 250Å Si<sub>x</sub>N<sub>y</sub> 750Å AR-CRON

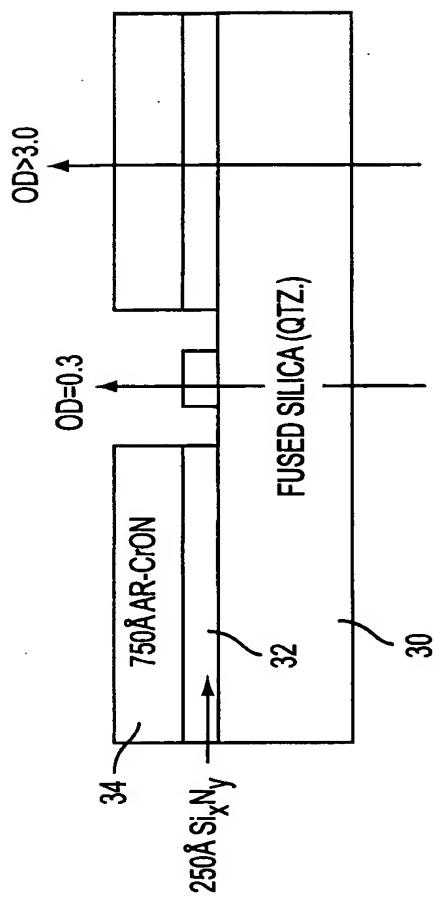
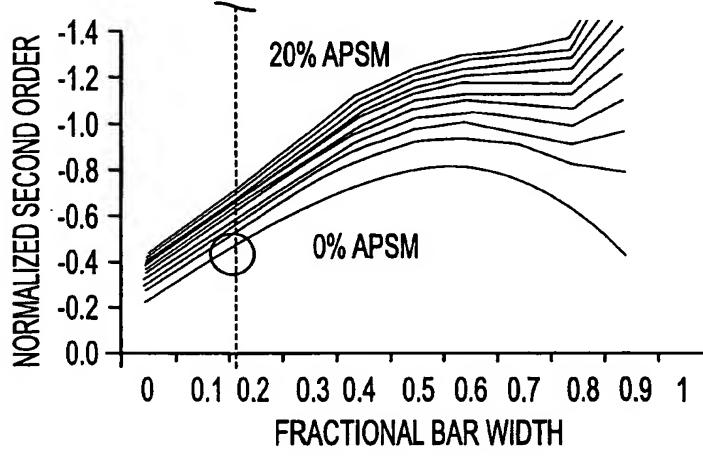
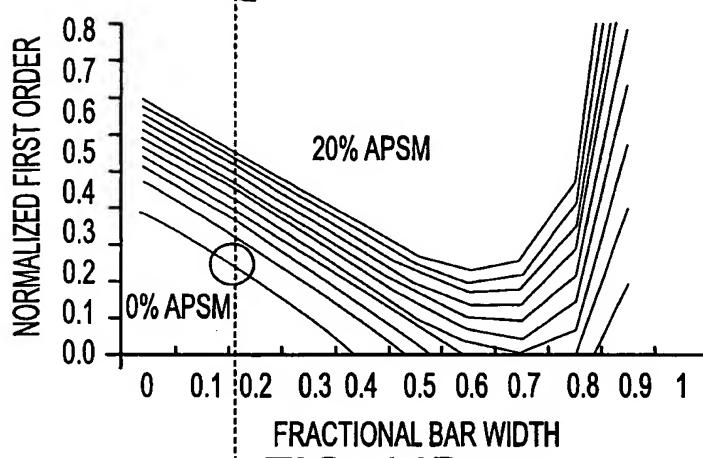
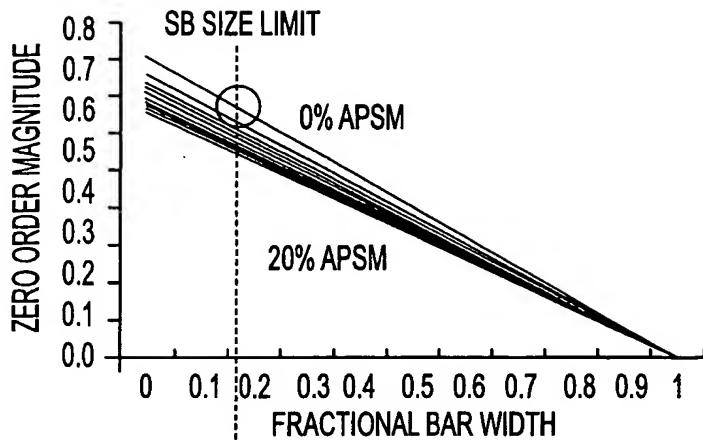


FIG. 13

LINE BIAS (nm)	1:1	1:1.2	1:1.5	1:2	1:2.5	1:3	1:3.5
BAR TRANSMISSION	-	0.5 DOTS	0.5 DOTS	0.5	0.5	0.5	0.5
SPACE DESIGN	-	[65/50/65]	[75/75/75]	[120/60/120]	[113/150/113]	[120/200/120]	[143/220/143]
[SPACE/BAR/SPACE]							

FIG. 16



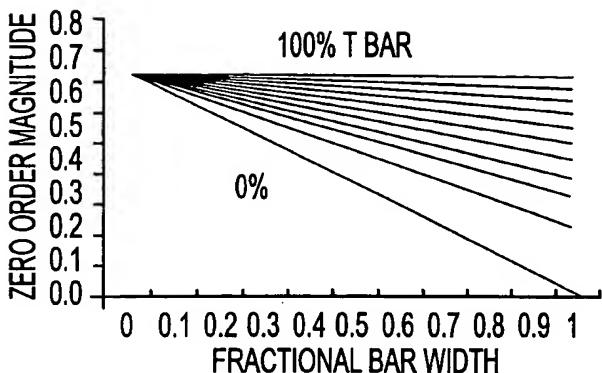


FIG. 15A

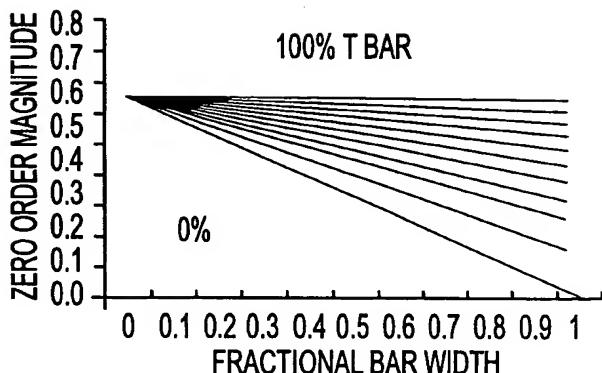


FIG. 15D

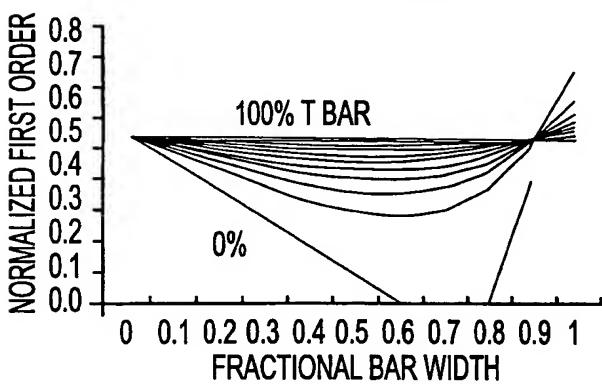


FIG. 15B

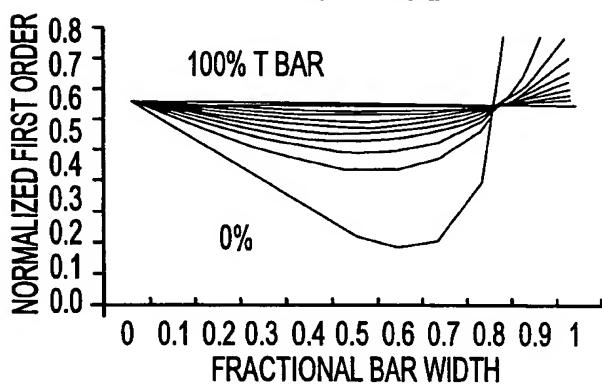


FIG. 15E

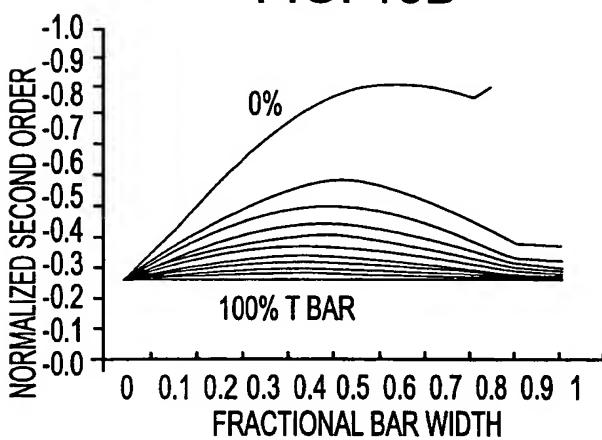


FIG. 15C

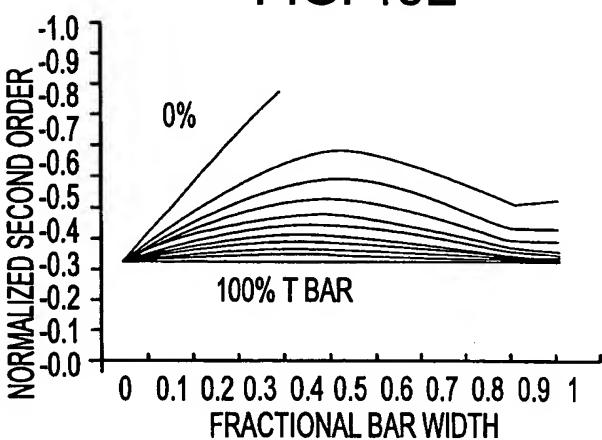


FIG. 15F

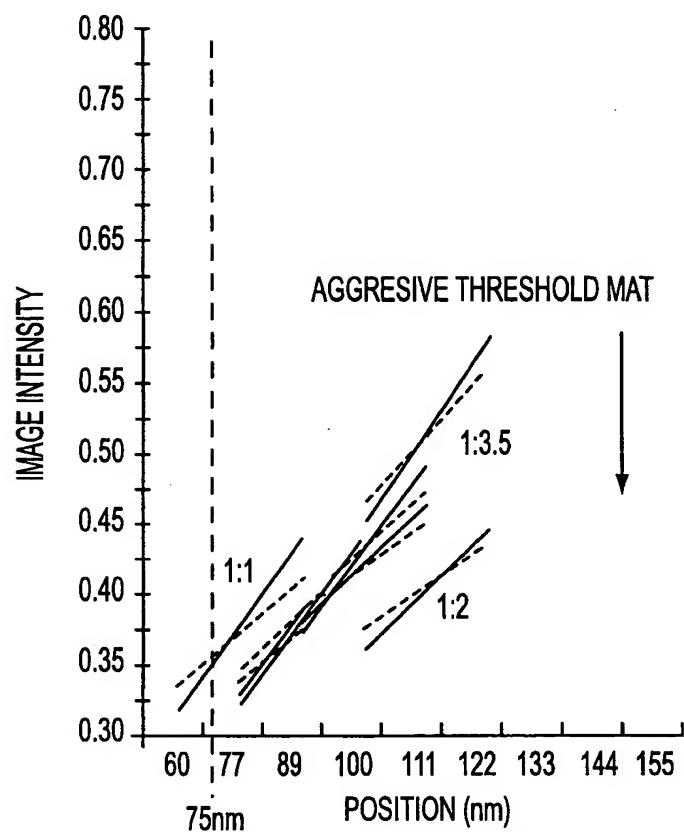


FIG. 17

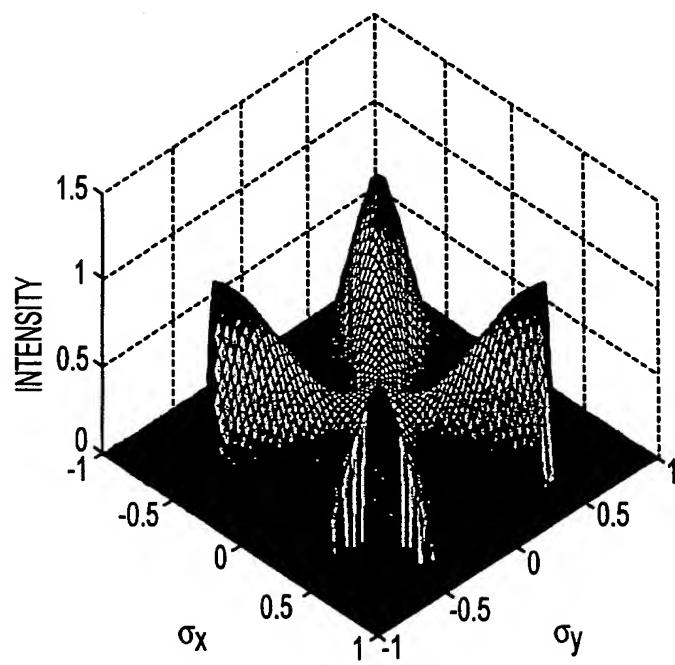


FIG. 18

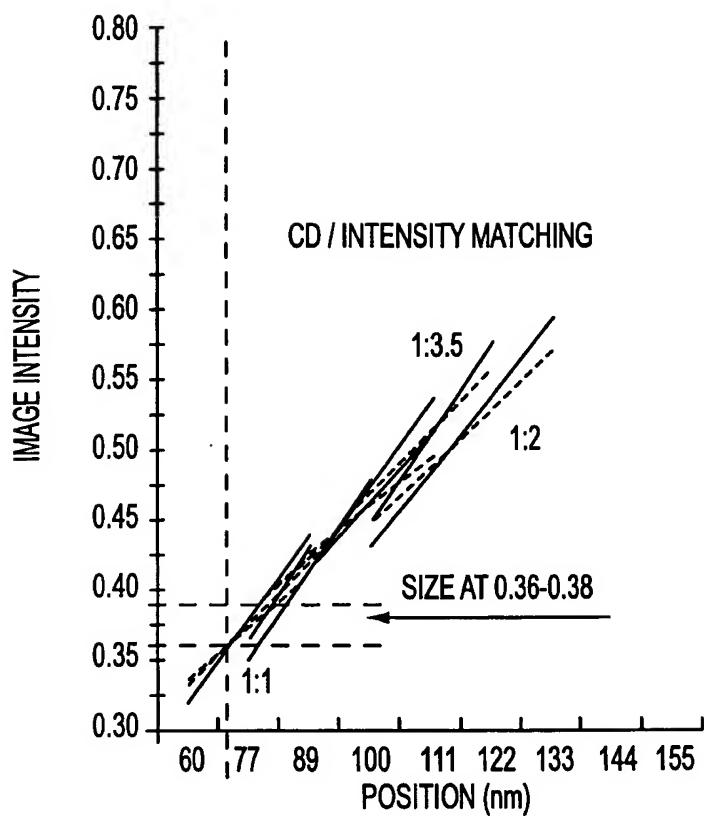


FIG. 19

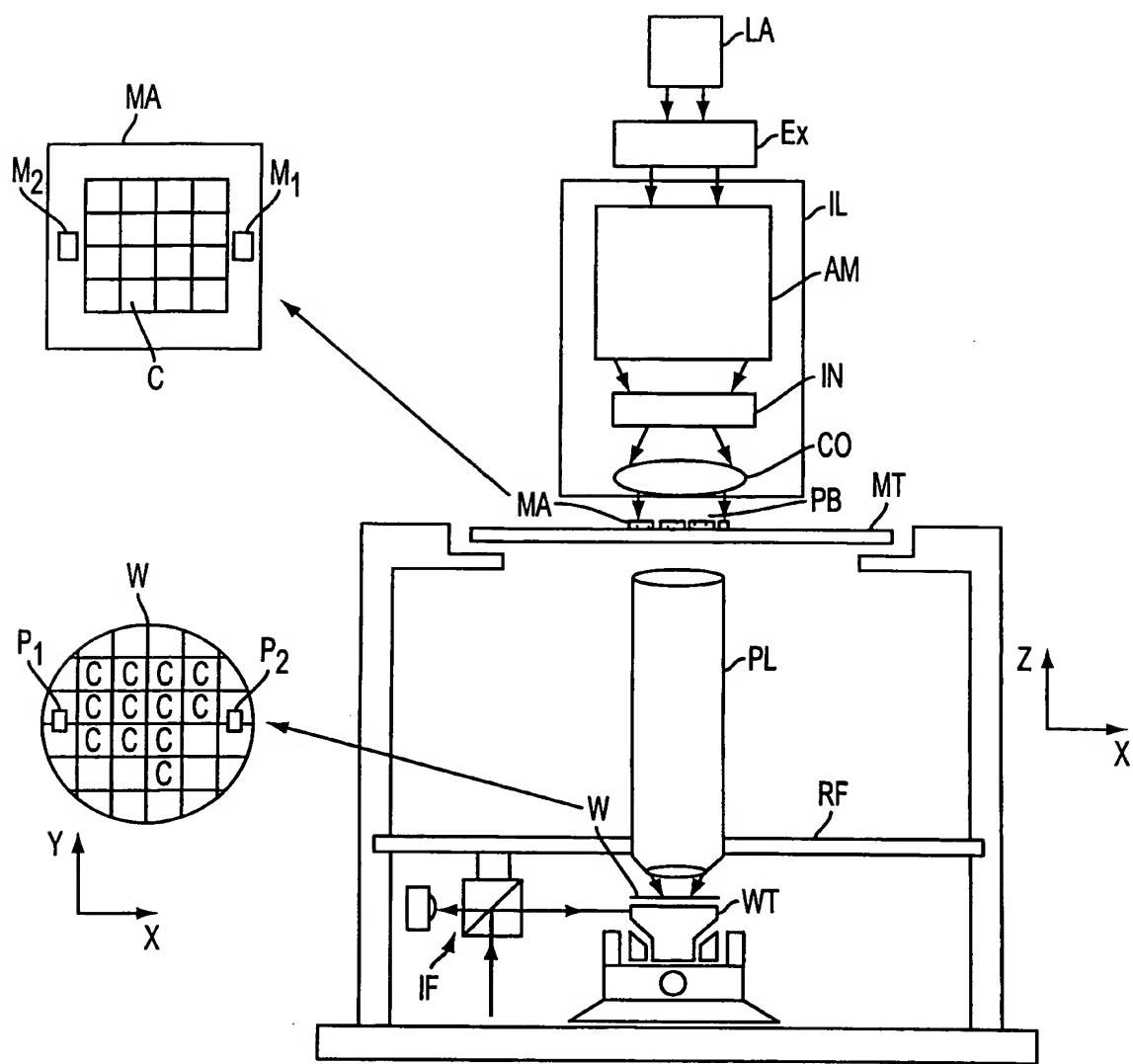


FIG. 20